L	Hits	Search Text	DB	Time stamp
Number 7	60	wheelchair and ((stud\$4 scallop\$4 block	USPAT;	2004/09/16
,] .	rough cleat\$4 protru\$4) same tread)	US-PGPUB;	11:16
	'	, , , , , , , , , , , , , , , , , , , ,	EPO; JPO;	
			DERWENT;	
			IBM_TDB	0004/00/2
8	91	wheelchair and ((stud\$4 scallop\$4 block rough cleat\$4 protru\$4) same tire)	USPAT;	2004/09/16
		rough cleat34 protru34) same tire)	US-PGPUB; EPO; JPO;	11:17
			DERWENT;	
			IBM TDB	
9	932		USPAT;	2004/09/16
		rough cleat\$4 protru\$4) same (wheel	US-PGPUB;	11:17
		tire))	EPO; JPO; DERWENT;	
			IBM TDB	
-	30627	vehicle and ((flipper or arm) same wheel)	USPAT;	2002/10/22
			US-PGPUB;	12:31
	}		EPO; JPO;	
			DERWENT; IBM TDB	
_	19010	(vehicle or robot) same ((flipper or arm)	USPAT;	2002/10/22
		same wheel)	US-PGPUB;	12:32
			EPO; JPO;	
			DERWENT;	·
l _	8242	((vehicle or robot) same ((flipper or	IBM_TDB USPAT;	2002/10/22
	0242	arm) same wheel)) and ((flipper or arm)	US-PGPUB;	12:32
		same (pivot or rotate))	EPO; JPO;	
!			DERWENT;	
	1064	///	IBM_TDB	0000 43 0 400
_	4064	(((vehicle or robot) same ((flipper or arm) same wheel)) and ((flipper or arm)	USPAT; US-PGPUB;	2002/10/22
		same (pivot or rotate))) and ((flipper	EPO; JPO;	12.55
		or arm) near4 wheel)	DERWENT;	
		[, , , , , , , , , , , , , , , , , , ,	IBM_TDB	
_	981	((((vehicle or robot) same ((flipper or	USPAT;	2002/10/22
		arm) same wheel)) and ((flipper or arm) same (pivot or rotate))) and ((flipper	US-PGPUB; EPO; JPO;	13:20
		or arm) near4 wheel)) and ((body or	DERWENT;	
		frame) near4 (pivot or articulate))	IBM_TDB	
-	1635	,	USPAT;	2002/10/22
		or 180/21 or 180/24 or 280/5.2 or 280/5.24 or 280/5.26 or 280/5.28 or	US-PGPUB; EPO; JPO;	13:24
		280/5.32).ccls.	DERWENT;	
		,	IBM TDB	
-	1620	((180/8.2 or 180/8.3 or 180/8.5 or 180/20	USPĀT;	2002/10/22
		or 180/21 or 180/24 or 280/5.2 or	US-PGPUB;	13:24
		280/5.24 or 280/5.26 or 280/5.28 or 280/5.32).ccls.) not (((((vehicle or	EPO; JPO; DERWENT;	
		robot) same ((flipper or arm) same wheel)	IBM TDB	
) and ((flipper or arm) same (pivot or		
		rotate))) and ((flipper or arm) near4		
		wheel)) and ((body or frame) near4		
_ !	598	(pivot or articulate))) ((180/8.2 or 180/8.3 or 180/8.5 or 180/20	USPAT;	2002/10/22
	3,38	or 180/21 or 180/24 or 280/5.2 or	US-PGPUB;	13:25
		280/5.24 or 280/5.26 or 280/5.28 or	EPO; JPO;	
		280/5.32).ccls.) and wheels	DERWENT;	
	L		IBM_TDB	

- 3	34	(US-4726303-\$ or US-4714140-\$ or	USPAT;	2002/10/22
		US-4568095-\$ or US-4537137-\$ or	EPO; JPO;	14:21
		US-3810516-\$ or US-3756619-\$ or	DERWENT	
		US-3653455-\$ or US-3649981-\$ or		1
		US-6431296-\$ or US-6267196-\$ or		
		US-6112843-\$ or US-5833248-\$ or		
		US-5579857-\$ or US-5507358-\$ or		
		US-5409250-\$ or US-5395129-\$ or		
		US-5318141-\$ or US-4993912-\$ or		
		US-4977971-\$ or US-4932491-\$ or		1
		US-4919489-\$ or US-4915184-\$ or		
		US-4730684-\$ or US-4688813-\$ or		
		US-4674585-\$ or US-4247125-\$).did. or		
		(US-4121680-\$ or US-3809004-\$ or		
1		US-3683763-\$ or US-3591195-\$).did. or		
	l	(GB-2139576-\$).did. or (JP-06032263-\$ or		
1		JP-01145282-\$).did. or	1	
		(DE-19527316-\$).did.	Ì	
- 3	34	((US-4726303-\$ or US-4714140-\$ or	USPAT;	2002/10/22
		US-4568095-\$ or US-4537137-\$ or	US-PGPUB;	14:22
l I		US-3810516-\$ or US-3756619-\$ or	EPO; JPO;	
		US-3653455-\$ or US-3649981-\$ or	DERWENT:	
		US-6431296-\$ or US-6267196-\$ or	IBM TDB	
		US-6112843-\$ or US-5833248-\$ or	_	
		US-5579857-\$ or US-5507358-\$ or		
		US-5409250-\$ or US-5395129-\$ or		
	ļ	US-5318141-\$ or US-4993912-\$ or	}	
	- 1	US-4977971-\$ or US-4932491-\$ or		
		US-4919489-\$ or US-4915184-\$ or		
		US-4730684-\$ or US-4688813-\$ or		
		US-4674585-\$ or US-4247125-\$).did. or		
		(US-4121680-\$ or US-3809004-\$ or		
		US-3683763-\$ or US-3591195-\$).did. or		
		(GB-2139576-\$).did. or (JP-06032263-\$ or		
		JP-01145282-\$).did. or		
		(DE-19527316-\$).did.) and wheel		

-	12	(((US-4726303-\$ or US-4714140-\$ or	USPAT;	2002/10/22
1	1	US-4568095-\$ or US-4537137-\$ or	US-PGPUB; EPO; JPO;	14:22
		US-3810516-\$ or US-3756619-\$ or US-3653455-\$ or US-3649981-\$ or	DERWENT;	
		US-6431296-\$ or US-6267196-\$ or	IBM TDB	
		US-6112843-\$ or US-5833248-\$ or	1211_122	
		US-5579857-\$ or US-5507358-\$ or		
		US-5409250-\$ or US-5395129-\$ or		
		US-5318141-\$ or US-4993912-\$ or		
		US-4977971-\$ or US-4932491-\$ or		
		US-4919489-\$ or US-4915184-\$ or		
		US-4730684-\$ or US-4688813-\$ or		
		US-4674585-\$ or US-4247125-\$).did. or		
		(US-4121680-\$ or US-3809004-\$ or		
		US-3683763-\$ or US-3591195-\$).did. or (GB-2139576-\$).did. or (JP-06032263-\$ or		
		JP-01145282-\$).did. or		
		(DE-19527316-\$).did.) and wheel) not		
		(((US-4726303-\$ or US-4714140-\$ or		
		US-4568095-\$ or US-4537137-\$ or		
		US-3810516-\$ or US-3756619-\$ or		
		US-3653455-\$ or US-3649981-\$ or		
		US-6431296-\$ or US-6267196-\$ or		
		US-6112843-\$ or US-5833248-\$ or	1.	
		US-5579857-\$ or US-5507358-\$ or		
		US-5409250-\$ or US-5395129-\$ or	1	
		US-5318141-\$ or US-4993912-\$ or	1	
		US-4977971-\$ or US-4932491-\$ or		
İ		US-4919489-\$ or US-4915184-\$ or US-4730684-\$ or US-4688813-\$ or		
	:	US-4674585-\$ or US-4247125-\$).did. or	Ĭ	!
1		(US-4121680-\$ or US-3809004-\$ or		
		US-3683763-\$ or US-3591195-\$).did. or		
		(GB-2139576-\$).did. or (JP-06032263-\$ or		
1		JP-01145282-\$).did. or		
		(DE-19527316-\$).did.) and (wheel same		
		pivot))		
-	22	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	USPAT;	2002/10/22
		US-4568095-\$ or US-4537137-\$ or	US-PGPUB;	14:26
1		US-3810516-\$ or US-3756619-\$ or US-3653455-\$ or US-3649981-\$ or	EPO; JPO;	
		US-6431296-\$ or US-6267196-\$ or	DERWENT; IBM TDB	
		US-6112843-\$ or US-5833248-\$ or	1511_155	
		US-5579857-\$ or US-5507358-\$ or		
		US-5409250-\$ or US-5395129-\$ or		
		US-5318141-\$ or US-4993912-\$ or		
		US-4977971-\$ or US-4932491-\$ or		
1]	US-4919489-\$ or US-4915184-\$ or		
]	US-4730684-\$ or US-4688813-\$ or	1	
1]	US-4674585-\$ or US-4247125-\$).did. or (US-4121680-\$ or US-3809004-\$ or		
]	US-3683763-\$ or US-3809004-\$ or US-3683763-\$ or US-3591195-\$).did. or		
		(GB-2139576-\$).did. or (JP-06032263-\$ or		
]	JP-01145282-\$).did. or		
		(DE-19527316-\$).did.) and (wheel same		
		pivot)		
-	6	("1358575" "3057319" "3609804"	USPAT	2002/10/22
] !	"3809004" "4480401" "4676765").PN.		14:35
-	6	4932491.URPN.	USPAT	2002/10/22
l _	ا ۾ ا	/#2E401E1# #4674E05# #4636464#	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	14:35
-	4	("3540151" "4674585" "4932491" "5429543").PN.	USPAT	2002/10/22
_	9	3540151.URPN.	USPAT	14:37 2002/10/22
		55.0151.0KEN.	OSFAI	14:38
-	4	("3161172" "3540151" "4674585"	USPAT	2002/10/22
	'	"4730684").PN.		14:39
-	0	5752871.URPN.	USPAT	2002/10/22
	i			14:41
-	6	4932491.URPN.	USPAT	2002/10/22
		(1100 100 5111 1 110 50 50 50 50 50 50 50 50 50 50 50 50 50		14:42
-	6	("3049364" "3288234" "3417832"	USPAT	2002/10/22
L		"3540151" "3591195" "4116497").PN.		14:42

-	8	4674585.URPN.	USPAT	2002/10/22 14:44
-	3	("1897036" "2946602" "3976152").PN.	USPAT	2002/10/22 14:45
-	2	4247125.URPN.	USPAT	2002/10/22 14:45
-	3	("2954239" "3235278" "3473820").PN.	USPAT	2002/10/22 14:45
-	3	3591195.URPN.	USPAT	2002/10/22
-	0	1145282.URPN.	USPAT	2002/10/22
-	19	("3049364" "3292722" "3442345" "4427210" "4542918" "4730684" "4811966" "4834409" "4862997" "4999862" "5018933" "5020818" "5064209" "5096008" "5163340" "5165123" "5187822" "5201084" "5201377").PN.	USPAT	2002/10/22 14:47
-	4	5409250.URPN.	USPAT	2002/10/22
-	24	"1106182" "1316951" "2171805" "2400824" "2424799" "2633363" "3095917" "3178193" "3179431" "3206253" "3226128" "3226129" "3304094" "3499501" "3713706" "3913982" "4061199" "4108449" "4154315" "4246947" "4289187").PN.	USPAT	2002/10/22 14:50
-	4	4919489.URPN.	USPAT	2002/10/22
-	19	("1785124" "2370866" "2482976" "2527343" "2529159" "2544521" "2763331" "3086618" "3105705" "3170715" "3183991" "3185324" "3294418" "3351037" "3353618" "3446175" "3630302" "3899039" "3921742").PN.	USPAT	2002/10/22
-	4	4121680.URPN.	USPAT	2002/10/22 14:51
-	3	("3653455" "2642144" "3506079").PN.	USPAT	2002/10/22
-	17	3809004.URPN.	USPAT	2002/10/22
-	17	3809004.URPN.	USPAT	2002/10/22
-	1	2139576.URPN.	USPAT	2002/10/22 14:58
	38	(US-4726303-\$ or US-4714140-\$ or US-4568095-\$ or US-4537137-\$ or US-3810516-\$ or US-3756619-\$ or US-3653455-\$ or US-3649981-\$ or US-6431296-\$ or US-6267196-\$ or US-6112843-\$ or US-5833248-\$ or US-5579857-\$ or US-5507358-\$ or US-5409250-\$ or US-5395129-\$ or US-5318141-\$ or US-4939312-\$ or US-4977971-\$ or US-4932491-\$ or US-4919489-\$ or US-4688813-\$ or US-4730684-\$ or US-4688813-\$ or US-4674585-\$ or US-3809004-\$ or US-3683763-\$ or US-3809004-\$ or US-5752871-\$ or US-381996-\$ or US-3540151-\$ or US-3442345-\$).did. or (GB-2139576-\$).did. or (JP-06032263-\$ or JP-01145282-\$).did. or (DE-19527316-\$).did.	USPAT; EPO; JPO; DERWENT	2002/10/22 14:58
			USOCR	2002/10/22 14:58

1		1	T 470.000 A 471.41.40 A		T-000 /00 /00
US-3610516-\$ or US-3756619-\$ or US-361385-\$ or US-364589-\$ or US-6631269-\$ or US-6631269-\$ or US-6631269-\$ or US-6631269-\$ or US-5630369-\$ or US-4971971-\$ or US-4971971-\$ or US-4971971-\$ or US-4971971-\$ or US-4971971-\$ or US-4932491-\$ or US-4730684-\$ or US-3680813-\$ or US-3630364-\$ or US-3660363-\$ or US-3630363-\$ or US-3630363-\$ or US-3630363-\$ or US-3630363-\$ or US-3640353-\$ or US-3640363-\$ or US-3640351-\$ o	-	38		USPAT;	2002/10/22
US-3653455-9 or US-3649981-3 or US-36132945-0 or US-612843-3 or US-6267196-5 or US-5132248-5 or US-5132248-5 or US-513235129-5 or US-513235129-5 or US-51323131-3 or US-51323131-3 or US-51323131-3 or US-4913498-3 or US-4913184-5 or US-4913684-5 or US-4913184-5 or US-4913684-5 or US-49135184-5 or US-4874368-5 or US-4874395-5 or US-4874395-5 or US-3683763-5 or US-3683763-5 or US-5673980-6 or US-552871-5 or US-4874398-5 or US-4874398-5 or US-3683763-5 or US-368376-5 or US-3683763-5 or US-368376-5 or US-3683					14:59
US-6431296-\$ or US-6267196-\$ or US-612843-6 or US-5579857-\$ or US-5579857-8 or US-5318141-5 or US-6933912-5 or US-4918498-8 or US-4932491-5 or US-4918498-8 or US-491849-8 or US-5752871-8 or US-4918498-9 or US-5752871-8 or US-4918498-9 or US-5752871-8 or US-4918498-9 or US-5752871-8 or US-491849-8 or US-5752871-8 or US-5752871-8 or US-491849-8 or US-5752871-8 or US-5				DERWENT	
US-6112843-\$ or US-5833248-\$ or US-5579857-8 or US-5579857-8 or US-5579857-8 or US-5579857-8 or US-5409250-\$ or US-5409250-\$ or US-5409250-\$ or US-5409250-\$ or US-5409250-\$ or US-4977971-\$ or US-4977971-\$ or US-4971971-\$					
US-5579857-\$ or US-5507358-\$ or US-5409250-\$ or US-5318141-\$ or US-4993912-\$ or US-5318141-\$ or US-4993912-\$ or US-4913489-\$ or US-4915184-\$ or US-49130884-\$ or US-4915184-\$ or US-49130884-\$ or US-49130884-\$ or US-49130884-\$ or US-49130884-\$ or US-4913084-\$ or US-4913081-\$ or US-368376-\$					
US-5409250-\$ or US-5395129-\$ or US-54093121-\$ or US-4977971-\$ or US-4979971-\$ or US-4979971-\$ or US-4979971-\$ or US-4979971-\$ or US-4971981-\$ or US-4971981-\$ or US-4971981-\$ or US-4971981-\$ or US-4730684-\$ or US-468881-\$ or US-4674855-\$ or US-468881-\$ or US-4674855-\$ or US-468881-\$ or US-467485-\$ or US-3608004-\$ or US-3608763-\$ or US-3608004-\$ or US-3608763-\$ or US-3608004-\$ or US-3608763-\$ or US-3608004-\$ or US-3608763-\$ or US-3608004-\$ or US-3608018-\$ or U					
US-5318141-% or US-4993912-% or US-4979791-% or US-4979791-% or US-4979791-% or US-4979791-% or US-4979791-% or US-4915184-% or US-4674585-% or US-4627125-%).did. or (US-4121686-5 or US-4627125-%).did. or (US-3526175 or US-3528175-% or US-3528175-% or US-3528175-% or US-3528175-% or US-3542151-% or US-3542151-% or US-3542151-% or US-342245-%).did. or (US-3540151-% or US-342245-%).did. or (US-19527316-%).did. 1					
US-4977971-\$ or US-4932491-\$ or US-4919489-\$ or US-4915189-\$ or US-473664-\$ or US-4688813-\$ or US-473664-\$ or US-4688813-\$ or US-473683-\$ or US-3675189-\$ or US-363763-\$ or US-36376199-\$ or US-363763-\$ or US-3575199-\$ or US-3752871-\$ or US-363763-\$ or US-3570199-\$ or US-3762871-\$ or US-3640151-\$ or US-3640151-\$ or US-3640151-\$ or US-3640151-\$ or US-3640151-\$ or US-3640151-\$ or US-3540151-\$ or US-3640151-\$ or U					
US-4919489-\$ or US-4915184-\$ or US-4730684-\$ or US-4674855-\$ or US-468813-\$ or US-46885-\$ or US-468813-\$ or US-3683763-\$ or US-3583195-\$ or US-3683763-\$ or US-3593195-\$ or US-35831615-\$ or US-3543195-\$ or US-3540151-\$ or US-3442345-\$).did. or (GB-2139576-\$).did. or (IP-06032263-\$ or JP-01145282-\$).did. or (IP-06032263-\$).did. or (IP-06032263-\$).did. or (IP-06032263-\$).did. or (IP-06032263-\$).did. or (IP-06032263-\$).did. or (IP-06032263-\$).did. or (IP-0603263-\$).did. or (IP-0603263-					
US-4730684-\$ or US-4688813-\$ or US-4673655-\$ or US-427125-\$).did. or US-4121680-\$ or US-3809004-\$ or US-363763-\$ or US-3591919-\$ or US-5752871-\$ or US-4813906-\$ or US-3540151-\$ or US-4813906-\$ or US-3540151-\$).did. or (GB-2139576-\$).did. or (JP-06032263-\$ or JP-0114528-\$).did. or (JP-06032263-\$ or JP-0114528-\$).did. US-3540151-\$).did.			· · · · · · · · · · · · · · · · · · ·		1
US-4674588-\$ or US-4247125-\$).did. or (US-3121696-\$ or US-3080904-\$ or US-3080904-\$ or US-3080904-\$ or US-3563763-\$ or US-3563763-\$ or US-3563715-\$ or US-34813906-\$ or US-3563763-\$ or US-3442345-\$).did. or (US-2139576-\$).did. or (US-19527316-\$).did. USD-19527316-\$).did. USD-19527316-\$			· · · · · · · · · · · · · · · · · · ·		
(US-4121680-\$ or US-3809004-\$ or US-3683763-\$ or US-3693195-\$ or US-3683763-\$ or US-3591195-\$ or US-3672871-\$ or US-4813906-\$ or US-3640151-\$ or US-3424345-\$).did. or (GB-2139576-\$).did. or (JP-06032263-\$ or JP-01145282-\$).did. or (DB-19527316-\$).did. 1 (US-3540151-\$).did.				ļ	
US-3683763-\$ or US-3591195-\$ or US-3540151-\$ or US-34402345-\$).did. or (GB-2139576-\$).did. or (JP-06032263-\$ or JP-01145282-\$).did. or (JP-06032263-\$ or JP-01145282-\$).did. or (JP-06032263-\$ or JP-01145282-\$).did. or (JP-06032263-\$ or JP-01145282-\$).did. or JP-06032263-\$ or JP-07145282-\$).did. or JP-07145282-\$				İ	l i
US-35/2871-\$ or US-4813906-\$ or US-36/3151-\$ or US-36/42345-\$).did. or (GB-2139576-\$).did. or (JP-06032263-\$) or JP-01145282-\$).did. or (JP-06032263-\$) or (DB-19527316-\$).did. 1 (US-3540151-\$).did. USOCR 14:59 USPAT: US-PGPUB; EPO; JPO; DERWERNT: IBM TDB USPAT: USP			US-3683763-\$ or US-3591195-\$ or		
GB-219576-\$).did. or (JP-06032263-\$ or JP-01145282-\$).did. or (DF-19527316-\$).did. USCR USCR USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB USPAT; USPGPUB; EPO; JPO; DERWENT; USPAT;			US-5752871-\$ or US-4813906-\$ or		
JP-01145282-\$).did. or (DE-19527316-\$).did. (US-3540151-\$).did. USOCR USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM 7DB USPAT; U			US-3540151-\$ or US-3442345-\$).did. or		
CDE-19527316-\$).did.					
- 11 (US-3540151-\$).did. USCR 2002/10/22 14:59 2002/10/22 14:59 2002/10/22 14:59 2002/10/22 14:59 2002/10/22 14:59 2002/10/22 14:50 25:17 EMP TOB USPAT; IBM TOB USPAT 14:46 2002/10/23 14:46 2002/10/23 14:46 2002/10/23 14:46 2002/10/23 14:41 2002/10/23 14:45 2002/10/23 14:45 2002/10/23 14:45 2002/10/23 14:45 2002/10/23 14:46 2002/10/23 14:49 2002/10/23					
11					
-	-	1	(US-3540151-\$).did.	USOCR	
US-PGPUB; BPO, JPO; DERWENT; IBM TDB USPAT; US-PGPUB; EPO, JPO; DERWENT; IBM TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB USPAT; USPAPB; USPAT; USPAPB; IBM TDB USPAT; USPAPB; IBM TDB USPAT; USPAPB; IBM TDB USPAT; USPAPB; IBM TDB USPAT USPAT; IBM TDB USPAT USPAT; IBM TDB USPAT USPAT USPAT; IBM TDB USPAT U	İ				1
So75	-	11	"8/5691"		
DERWENT; IM TOB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TOB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TOB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TOB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TOB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TOB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TOB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TOB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TOB USPAT;					15:17
TBM_TDB					1
S075				1	
US-PGPUB; PPO; JPO; DPO; DERWENT; IBM TDB USPAT; US-PGPUB; PEO; JPO; DERWENT; IBM TDB USPAT; USPAT 2002/10/23 14:46 2002/10/23 14:41 2002/10/23 14:4	_	5075	three add wheels		2002/10/22
- 4	-	30/3	three adj wheels	1	
Company Comp				· ·	14:30
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(teeter or totter or seesaw)) (teeter or totter or seesaw)) (wheel same (teeter or totter or seesaw))	l -	4	(three adi wheels) and (wheel same		2002/10/23
Company Comp				l '	
DERMENT; IBM TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB USPAT 2002/10/23 14:46 2002/10/23 14:46 2002/10/23 14:46 2002/10/23 14:46 2002/10/23 14:40 2002/10/23 2002/10/23 14:41 2002/10/23			(************************************	i -	
- 228 (wheel same (teeter or totter or seesaw)) USPAT; US-PGPUB; EPO; JPO; DERWEMT; IBM_TDB USPAT 2002/10/23 14:46 - 0 20020079660.URPN. USPAT 2002/10/23 14:40 - 0 6408964.URPN. USPAT 2002/10/23 14:41 - 4 ("3346062" "3417832" "4687068" USPAT 2002/10/23 14:41 - 3 ("4007508" "4325156" "4646380").PN. USPAT 2002/10/23 14:41 - 5 4845797.URPN. USPAT 2002/10/23 14:41 - 0 265205.URPN. USPAT 2002/10/23 14:42 - 105380 robot\$4 USPAT;					,
US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT 2002/10/23 14:46	1.			IBM TDB	1
Pep; JPp; DERWENT; IBM TDB	-	228	(wheel same (teeter or totter or seesaw))	USPĀT;	2002/10/23
DERWENT; IBM TDB USPĀT 2002/10/23 14:40 - 0 6408964.URPN. USPĀT 2002/10/23 14:41 - 4 ("3346062" "3417832" "4687068" USPĀT 2002/10/23 14:41 - 3 ("4007508" "4325156" "4646380").PN. USPĀT 2002/10/23 14:41 - 5 4845797.URPN. USPĀT 2002/10/23 14:41 - 0 265205.URPN. USPĀT 2002/10/23 14:42 - 105380 robot\$4 USPĀT 2002/10/23 14:45 - 7660 robot\$4 and wheels USPĀT; USPĀT				US-PGPUB;	14:46
- 0 20020079660.URPN.					
- 0 20020079660.URPN. USPĀT 2002/10/23 14:40 - 0 6408964.URPN. USPĀT 2002/10/23 14:41 - 4 ("3346062" "3417832" "4687068" USPĀT 2002/10/23 14:41 - 3 ("4007508" "4325156" "4646380").PN. USPĀT 2002/10/23 14:41 - 5 4845797.URPN. USPĀT 2002/10/23 14:41 - 0 265205.URPN. USPĀT 2002/10/23 14:42 - 0 265205.URPN. USPĀT 2002/10/23 14:43 - 105380 robot\$4 USPĀT; USPĀT; USPĀPŪB; EPO; JPO; DERWENT; IBM TDB USPĀT; USPĀPĀPĀPĀPĀPĀPĀPĀPĀPĀPĀPĀPĀPĀPĀPĀPĀPĀPĀ					
- 0 6408964.URPN.	· ·				
- 0 6408964.URPN. USPAT 2002/10/23 14:41 - 4 ("3346062" "3417832" "4687068" USPAT 2002/10/23 14:41 - 3 ("4007508" "4325156" "4646380").PN. USPAT 2002/10/23 14:41 - 5 4845797.URPN. USPAT 2002/10/23 14:42 - 0 265205.URPN. USPAT 2002/10/23 14:43 - 105380 robot\$4 USPAT 2002/10/23 14:45 - 7660 robot\$4 and wheels USPAT; USPAT	-	0	20020079660.URPN.	USPAT	
- 4 ("3346062" "3417832" "4687068" USPAT 2002/10/23 14:41 2002/10/23 14:41 2002/10/23 14:41 2002/10/23 14:41 2002/10/23 14:41 2002/10/23 14:41 2002/10/23 14:41 2002/10/23 14:41 2002/10/23 14:41 2002/10/23 14:42 2002/10/23 14:42 2002/10/23 14:43 2002/10/23 14:43 2002/10/23 14:45 2002/10/23 14:45 2002/10/23 14:45 2002/10/23 14:45 2002/10/23 14:45 2002/10/23 14:45 2002/10/23 14:45 2002/10/23 14:45 2002/10/23 14:46 2002/10/23 14:46 2002/10/23 14:46 2002/10/23 14:46 2002/10/23 14:46 2002/10/23 14:46 2002/10/23 14:46 2002/10/23 14:46 2002/10/23 14:46 2002/10/23 14:46 2002/10/23 14:46 2002/10/23 14:46 2002/10/23 14:46 2002/10/23 14:46 2002/10/23 14:46 2002/10/23 14:46 2002/10/23 14:46 2002/10/23 14:46 2002/10/23 14:46 2002/10/23 14:49 2002/10/23 14:40 2002/10/23		1	CAOOOCA UPPN		1
- 4 ("3346062" "3417832" "4687068" USPAT 2002/10/23 14:41 2002/10/23 14:41 2002/10/23 14:41 2002/10/23 14:41 2002/10/23 14:41 2002/10/23 14:41 2002/10/23 14:41 2002/10/23 14:42 2002/10/23 14:42 2002/10/23 14:43 2002/10/23 14:43 2002/10/23 14:45 2002/10/23 14:45 2002/10/23 14:45 2002/10/23 14:45 2002/10/23 14:45 2002/10/23 14:45 2002/10/23 2002	l ⁻	l "	NYNU.POCOUFO.	USPAT	
- 3 ("4977971").PN. ("4007508" "4325156" "4646380").PN. USPAT 2002/10/23 14:41 2002/10/23 14:41 2002/10/23 14:42 2002/10/23	l _		1"3346062" "3417832" "4607060"	IIGDAT	
- 3 ("4007508" "4325156" "4646380").PN. USPAT 2002/10/23 14:41 2002/10/23 14:41 2002/10/23 14:42 2002/10/23 14:43 2002/10/23 14:43 2002/10/23 14:45 2002/10/23 2002/10/2	1	"	1 333002 331/032 400/000	USPAI	
-	_	٦ ٦		USPAT	
- 5 4845797.URPN. USPAT 2002/10/23 14:42 2002/10/23 14:42 2002/10/23 14:43 2002/10/23 14:43 2002/10/23 14:45 2002/10/23 14:45 2002/10/23 14:45 2002/10/23 14:45 2002/10/23 14:45 2002/10/23 14:45 2002/10/23 14:46 2002/10/23 14:46 2002/10/23 14:46 2002/10/23 14:46 2002/10/23 14:46 2002/10/23 14:46 2002/10/23 14:46 2002/10/23 14:49 2002/10/23 14:49 2002/10/23 14:49 2002/10/23 14:49 2002/10/23 14:49 2002/10/23 14:49 2002/10/23 14:49 2002/10/23 14:49 2002/10/23 14:49			, ,	35121	
- 0 265205.URPN. USPAT 2002/10/23 14:43 2002/10/23 14:43 2002/10/23 14:45 2002/10/23 14:45 2002/10/23 14:45 2002/10/23 14:45 2002/10/23 14:45 2002/10/23 14:46 2002/10/23 14:46 2002/10/23 14:46 2002/10/23 14:46 2002/10/23 14:46 2002/10/23 14:46 2002/10/23 14:46 2002/10/23 14:46 2002/10/23 14:49 2002/10/23 14:49 2002/10/23 14:49 2002/10/23 14:49 2002/10/23 14:49	-	5	4845797.URPN.	USPAT	1
- 0 265205.URPN. 105380 robot\$4					1
- 105380 robot\$4	-	0	265205.URPN.	USPAT	1
- 105380 robot\$4 USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT;	1				
US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; USPGPUB; EPO; JPO; DERWENT;	-	105380	robot\$4	USPAT;	
DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; US-PGPUB; EPO; JPO; DERWENT; US-PGPUB; EPO; JPO; DERWENT;		1		US-PGPUB;	14:45
TOB	İ	1		EPO; JPO;	
- 7660 robot\$4 and wheels USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; (teeter or totter or seesaw)) USPAT; US-PGPUB; EPO; JPO; DERWENT; US-PGPUB; EPO; JPO; DERWENT;				· ·	
US-PGPUB; EPO; JPO; DERWENT; IBM TDB USPĀT; (teeter or totter or seesaw)) US-PGPUB; EPO; JPO; DERWENT; DERWENT; US-PGPUB; EPO; JPO; DERWENT;	!				
EPO; JPO; DERWENT; IBM_TDB USPAT; (teeter or totter or seesaw)) US-PGPUB; EPO; JPO; DERWENT; DERWENT;	-	7660	robot\$4 and wheels		1
DERWENT; IBM TDB USPĀT; (teeter or totter or seesaw)) USPĀT; US-PGPUB; EPO; JPO; DERWENT;	ĺ				14:46
TIBM_TDB USPAT; 2002/10/23 (teeter or totter or seesaw)) IBM_TDB USPAT; 2002/10/23 US-PGPUB; EPO; JPO; DERWENT;		[
- 1 (robot\$4 and wheels) and (wheel same (USPAT; 2002/10/23 (teeter or totter or seesaw)) US-PGPUB; EPO; JPO; DERWENT;		[1	
(teeter or totter or seesaw)) US-PGPUB; 14:49 EPO; JPO; DERWENT;	l _	1	(robots4 and wheels) and (wheel same	_	2002/10/22
EPO; JPO; DERWENT;	İ				
DERWENT;					12.29
				· ·	

			,	
-	771	, , , , , , , , , , , , , , , , , , , ,	USPAT;	2002/10/23
		(pivot or rock\$4 or ocsillate or	US-PGPUB;	14:51
		reciprocate or teeter or totter or	EPO; JPO;	
		seesaw))	DERWENT;	
			IBM TDB	
-	55		USPAT;	2002/10/23
		intermediate or middle) near4 wheel) same	US-PGPUB;	15:15
1		(pivot or rock\$4 or ocsillate or	EPO; JPO;	1 20.10
1		reciprocate or teeter or totter or	DERWENT;	
j		seesaw))	IBM TDB	1
	3	("4648782" "4855822" "5101351").PN.	USPAT	2002/10/22
-		(4040/02 4033022 5101351).PN.	USPAI	2002/10/23
		5050000		14:54
-	27	5350033.URPN.	USPAT	2002/10/23
				14:54
-	19		USPAT	2002/10/23
		"4746977" "4875172" "5073749"	ĺ	14:56
		"5083968" "5175480" "5276618"		
		"5324948" "5350033" "5402344"	1	1
		"5446356" "5461292" "5465525"		1
		"5515934" "5545960" "5548511"		1
		"5559696").PN.		
_	۰ ا	6046565.URPN.	Henra	2002/10/22
-	l "	0070303.URFN.	USPAT	2002/10/23
	_	COACECE MADA	an	14:57
-	0	6046565.URPN.	USPAT	2002/10/23
				14:57
-	0	(robot or vehicle) same turn-in-place	USPAT;	2002/10/23
		_	US-PGPUB;	15:16
			EPO; JPO;	i
	1		DERWENT;	
			IBM TDB	
_	0	(machine or robot or vehicle) same	USPAT;	2002/10/23
		turn-in-place	US-PGPUB;	15:16
		•	EPO; JPO;	
			DERWENT;	
			IBM_TDB	
-	700	(machine or robot or vehicle) same (turn	USPAT;	2002/10/23
		near4 place)	US-PGPUB;	15:17
]			EPO; JPO;	
			DERWENT;	l l
	[IBM TDB	
-	372	(machine or robot or vehicle) same (turn	USPAT;	2002/10/23
		near2 place)	US-PGPUB;	15:17
			EPO; JPO;	
			DERWENT;	
	1	//manhiman and mahada and analis 3 3	IBM_TDB	0000 (10 (55
-	142	((machine or robot or vehicle) same (turn		2002/10/23
		near2 place)) and wheels	US-PGPUB;	15:18
<u> </u>			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
-	288	((machine or robot or vehicle) same (turn	USPAT;	2002/10/23
		near4 place)) and wheels	US-PGPUB;	15:50
] [• • • • • • • • • • • • • • • • • • • •	EPO; JPO;	
1	:		DERWENT;	
1			IBM TDB	
<u> </u>	230	((machine or robot or vehicle) same (turn	_	2002/10/22
	230		USPAT;	2002/10/23
		near2 place)) not (((machine or robot or	US-PGPUB;	15:51
		vehicle) same (turn near4 place)) and	EPO; JPO;	
, !		wheels)	DERWENT;	
į i	j i		IBM_TDB	
-	1	turn-in-place	USPĀT;	2002/10/23
	[US-PGPUB;	15:55
			EPO; JPO;	
			DERWENT;	
			IBM TDB]
_	l 0	turn adj in adj place	USPAT;	2002/10/23
	ı "	carn auj in auj prace	· · · · · · · · · · · · · · · · · · ·	
[US-PGPUB;	15:56
			EPO; JPO;	
]			DERWENT;	
	L		IBM TDB	
				

-	4671	turn near2 place	USPAT;	2002/10/23
			US-PGPUB;	15:56
			EPO; JPO;	
			DERWENT;	
_	193	(turn near2 place) and (wheel same (turn	IBM_TDB USPAT;	2002/10/23
	133	near2 place))	US-PGPUB;	15:57
		, i	EPO; JPO;	
			DERWENT;	
	1		IBM_TDB	
-	3779	three nearl wheels	USPAT	2002/10/24
				08:10
-	620	(three near1 wheels) and ((center or	USPAT	2002/10/24
		middle or intermediate or pivot) near1		08:12
l _	23	wheel) ("D247192" "2224411" "2601006"	HCDAM	2002/10/24
_	23	"3190384" "3351037" "3372766"	USPAT	2002/10/24
		"3720019" "4156986" "4213270"		08.20
		"4226292" "4306630" "4459776"		
		"4475611" "4508516" "4511343"		1
		"4562893" "4576583" "4654659"		ł
		"4717367" "4729444" "4813906"		
		"4892503" "5135427").PN.		
-	15	5429543.URPN.	USPAT	2002/10/24
		/#1205525# #2465042# #2500045# :		08:22
-	8	_ ,	USPAT	2002/10/24
		"4101004" "4168468" "4335899" "4621562" "4823900").PN.		08:23
_	2	5323867.URPN.	USPAT	2002/10/24
	-	3323007.0KFN.	OSFAI	08:24
_	5	("2421123" "2642144" "3451574"	USPAT	2002/10/24
		"3520378" "3727774").PN.		08:33
-	14	3799362.URPN.	USPAT	2002/10/24
•				08:34
-	3876	wheels same (overlay or overlap)	USPAT	2003/05/13
				13:58
_	810	(wheels same (overlay or overlap)) and	USPAT	2003/05/13
_	460	(wheels near4 (overlay or overlap)) (wheels same (overlay or overlap)) and	USPAT	13:56 2003/05/13
	00 400	(wheels near2 (overlay or overlap))	USPAI	13:54
-	130	((wheels same (overlay or overlap)) and	USPAT	2003/05/13
		(wheels near2 (overlay or overlap))) and	******	13:53
		(wheel near2 (center or middle or		
		intermediate))		
-	206	((wheels same (overlay or overlap)) and	USPAT ·	2003/05/13
		(wheels near4 (overlay or overlap))) and		13:54
		<pre>(wheel near2 (center or middle or intermediate))</pre>		
_	580	<pre>intermediate;; (wheels same (overlay or overlap)) and</pre>	USPAT	2003/05/13
		(wheel near2 (center or middle or	22571	13:54
		intermediate))		13.3.
-	41	• •	USPAT	2003/05/13
		(wheel near2 (center or middle or		13:54
		intermediate))) and ((center or middle or		
		<pre>intermediate) near2 (overlay or overlap))</pre>		
-	234	((wheels same (overlay or overlap)) and	USPAT	2003/05/13
		(wheel near2 (center or middle or		13:55
		<pre>intermediate))) and ((center or middle or intermediate) same (overlay or overlap))</pre>		
-	62	((wheels same (overlay or overlap)) and	USPAT	2003/05/13
	32	(wheel near2 (center or middle or	COLAL	13:55
		intermediate))) and ((center or middle or		
1		intermediate) near4 (overlay or overlap))		
-	3876	(wheels same (overlay or overlap)) and	USPAT	2003/05/13
[(wheels same (overlay or overlap))		13:56
-	717	(wheels same (overlay or overlap)) and	USPAT	2003/05/13
_	25.0	(wheels same (row or offset))	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	13:57
-	250	((wheels same (overlay or overlap)) and	USPAT	2003/05/13
		<pre>(wheels same (row or offset))) and (wheels same (row or offset) same</pre>		14:00
		(overlay or overlap))		
ч———		1		l

[=	80	("3235020" "3540151" "3799362" "3809004"	USPAT;	2004/09/14
		"4009761" "4247125"	US-PGPUB;	14:52
		"4674585" "4730684" "4813906" "4919489"	EPO; JPO;	
		"4932491" "4993912" "5323867" "5429543" "5507358" "5515934" "5579857" "5742975"	DERWENT;	
		"5752871" "5833248" "6046565" "6144180"	IBM_TDB	
		"875691" "1630748" "0206930" "8900928"		
		"06032263" "2280650" "1002503").pn.		·
-	0	"09826209"	USPAT;	2004/09/14
			US-PGPUB;	14:52
ļ			EPO; JPO;	
			DERWENT;	
_	6	"09/826209"	IBM_TDB USPAT;	2004/09/14
_	ľ	09/020209	US-PGPUB;	14:52
			EPO; JPO;	1
			DERWENT;	
			IBM_TDB	
-	5	("3283839" "4645222" "4790548"	USPAT	2004/09/15
	_	"4794999" "4993912").PN.		11:32
-	7	5579857.URPN.	USPAT	2004/09/15
l _	3	 ("3231290" "3869011" "5158309").PN.	IIGDAM	11:33
-	3		USPAT	2004/09/15
_	8	5395129.URPN.	USPAT	2004/09/15
	1			11:39
-	4		USPAT	2004/09/15
	1	"4674584").PN.		11:52
_	9	4915184.URPN.	USPAT	2004/09/15
	۱ ,	/#4530760# L #4611006# L #4647053# L	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	11:54
_	4	("4539760" "4611296" "4647053" "4855822").PN.	USPAT	2004/09/15 11:57
_	23	4977971.URPN.	USPAT	2004/09/15
			******	11:58
-	6	("1358575" "3057319" "3609804"	USPAT	2004/09/15
•		"3809004" "4480401" "4676765").PN.		12:02
-	9	4932491.URPN.	USPAT	2004/09/15
_	11	3540151.URPN.	IICDAM	12:03
	11	3340131.0KPN.	USPAT	2004/09/15 12:05
-	22	("3235020" "3540151" "3799362"	USPAT	2004/09/15
		"3809004" "4009761" "4247125"		12:06
		"4674585" "4730684" "4813906"		
		"4919489" "4932491" "4993912"		
		"5323867" "5429543" "5507358"		
•		"5515934" "5579857" "5742975"		
		"5752871" "5833248" "6046565" "6144180").PN.		
_	О	6662889.URPN.	USPAT	2004/09/15
				12:08
_	15	3283839.URPN.	USPAT	2004/09/15
				12:08
_	9	("2931449" "4512588" "4674584"	USPAT	2004/09/15
		"4794999" "5423563" "5579857" "5701965" "5975225" "6311794").PN.		12:11
_	1	"5701965" "5975225" "6311794").PN. 6484829.URPN.	USPAT	2004/09/15
		0.0 1025. OKEN.	OSTAL	12:12
-	6	("2751027" "3064744" "3191953"	USPAT	2004/09/15
		"3529688" "4566707" "5042607").PN.		12:12
-	8	("3104112" "3169596" "3179431"	USPAT	2004/09/15
		"3196970" "3226128" "3304094"		12:13
	40	"3529688" "3869011").PN. 4566707.URPN.	USPAT	2004/09/15
	"	1500/0/. OKEN.	OPENI	12:16
_	15	("3346268" "3614115" "3869011"	USPAT	2004/09/15
		"4044850" "4061199" "4109740"		12:19
		"4142732" "4421189" "4432425"		
		"4512588" "4556229" "4566707"		
_		"4645222" "5036929" "5641030").PN.	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	2004/02/35
-	0	6336642.URPN.	USPAT	2004/09/15 12:24
	L		L	16.63

-	62	("Re28256" "2765860" "3068950"	USPAT	2004/09/15
		"3077345" "3111331" "3127188"		12:28
		"3133742" "3142351" "3146841"		
		"3166138" "3178193" "3191953"		
		"3195910" "3196970" "3198534"		
		"3204716" "3231036" "3231290"		
		"3259200" "3259396" "3288234"		
		"3292722" "3295858" "3304094"		
		"3346062" "3406772" "3529688"		
		"3869011" "4033421" "4061199"		
		"4077483" "4119163" "4119164"		
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		"4432425" "4432426" "4473234"		
ľ		"4556229" "4556997" "4564080"		
		"4566550" "4566706" "4566707"		1
	ļ	"4585241" "4627508" "4634941"		
		"4671369" "4674584" "4688813"		
		"4747457" "4771839" "4854408"		
		"4898256" "4915184").PN.		1
l _	10	3068950.URPN.	USPAT	2004/09/15
		3000330.0KIN.	OSTAL	12:50
l _	18	5123495.URPN.	USPAT	2004/09/15
		3123433.0KIN.	OSFAI	12:53
l _	40	4566707.URPN.	HCDAT	2004/09/15
_	"	4300707.0RPN.	USPAT	
l _	9	5158309.URPN.	HCDAM	12:56
-		J130309. UKPN.	USPAT	2004/09/15
_	1368	(stains incline) some (/oum toil box	HCDAM.	12:57
_	1366	(stairs incline) same ((arm tail bar	USPAT;	2004/09/15
		handle support\$4 brac\$4) near4 pivot)	US-PGPUB;	13:30
			EPO; JPO;	
			DERWENT;	
	1 21	/	IBM_TDB	0004/00/25
-	31		USPAT;	2004/09/15
		handle support\$4 brac\$4) near4 pivot)	US-PGPUB;	13:10
	1	same stability	EPO; JPO;]
}			DERWENT;	
		11.5.1. 1. 11.	IBM_TDB	
-	221	, , , , , , , , , , , , , , , , , , , ,	USPAT;	2004/09/15
		handle support\$4 brac\$4) near4 pivot))	US-PGPUB;	13:14
	1	and ((stabili\$4) same (arm tail bar	EPO; JPO;	
]	handle support\$4 brac\$4))	DERWENT;	
			IBM_TDB	
-	88	((stairs incline) same ((arm tail bar	USPAT;	2004/09/15
ļ		handle support\$4 brac\$4) near4 pivot))	US-PGPUB;	13:31
	1	and (stabili\$4 same (stairs incline))	EPO; JPO;	
	1		DERWENT;	
			IBM_TDB	
] -	6	, ====== , ====== ,	USPAT	2004/09/15
]		"5338048" "5390389" "6343805").PN.	1	13:32
-	5		USPAT	2004/09/15
		"4556229" "4566706").PN.		13:33
-	5	4962941.URPN.	USPAT	2004/09/15
				13:33
L	·	I		1